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TO:    MS AMENDMENT  
      Examiner:  
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      PO Box 1450  
      Alexandria, VA 22313-1450

FROM: Douglas P. Mueller

OUR REF: 14633.0007USWO

TELEPHONE: (612) 455.3800

Total pages, including cover letter:      22

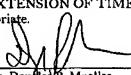
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Title of Document:      **Supplemental Information Disclosure Statement, Form 1449, 3  
references, EP Search Report mailed July 20, 2006, Preliminary Amendment**

Applicant:      ITO et al.  
Serial No.:      10/534,344  
App. Filed:      May 9, 2005  
Group Art No.:      1754  
Conf. No.:      4821

Please charge any additional fees or credit overpayment to Deposit Account No. **60-5478**. Please consider this a **PETITION FOR EXTENSION OF TIME** for a sufficient number of months to enter these papers, if appropriate.

By:   
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Reg. No.: 30,300

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Signature

October 18, 2006  
Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ITO et al. Examiner: unknown  
Serial No.: 10/534,344 Group Art Unit: 1754  
Filed: May 9, 2005 Docket: 14633.0007USWO  
Title: A METHOD FOR DEUTERATION OF A HETEROCYCLIC RING

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on OCTOBER 18, 2006.

By:   
Name: NICOLE LANDREE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Copies of any foreign patent documents or "Other Documents" are enclosed. Please note that publication "A highly efficient...", Hardacre et al. was previously submitted in an IDS.

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the Filing Date, before the mailing date of a First Office Action on the merits, or before the mailing date of a First Office Action on the merits after the filing of a request for continued examination under 37 C.F.R. §1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and
- ☐ the requisite Statement is below, OR
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein, or
- ☐ (3) after the mailing date of a Final Rejection or Notice of Allowance but on or before the payment of the Issue Fee, AND

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- ☐ the requisite Statement is below, AND  
☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein.

#### STATEMENT

As required under §1.97(e), Applicants hereby state either that:

- ☒ 1. Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the Information Disclosure Statement.
- ☐ If this box is checked, Applicant provides the following:

#### Certification Under 37 C.F.R. §1.704(d)

In accordance with 37 C.F.R. §1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was first cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement.

- ☐ The Examiner is hereby advised of the following co-pending U.S. applications. A copy of each U.S. patent application publication (if published) or application (if not published) is enclosed.

Application No.

Filing Date

Group

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

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**FEE AUTHORIZATION**

Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 50-3478. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.Post Office Box 2902  
Minneapolis, MN 55402-0902  
(612) 455-3800Dated: October 18, 2006By: Douglas P. Mueller  
Reg. No. 30,300

DPM:ncl

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Date Mailed: OCTOBER 18, 2006

Sheet 1 of 1

<b>FORM 1449*</b> <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 14633.0007/JSWO	Application Number: 10/534,344
	Applicant: ITO et al.	
	Filing Date: MAY 9, 2005	Group Art Unit: 1754

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
/ES/			GARNETT, HENDERSON, SOLLICH, VAN DYKE TIERS: "An NMR study of orientation effects in the catalytic deuteration and tritiation of aromatic compounds. Simplification of spin-coupled NMR spectra by the method of massive deuteration". TETRAHEDRON LETTERS, vol. 2, 1961, pages 516-522, XP002388045 * page 517, last paragraph; tables 2, last, entry *				
/ES/			ELVIDGE, JONES, MANE, AL RAWI: "Tritium nuclear magnetic resonance spectroscopy. Par 10. Distribution of Tritium in some labelled nitrogen heterocyclic compounds" J. CHEM. SOC. PERKIN TRANSACTIONS 2, 1979, pages 385-388, XP009068654 Experimental * table *				
/ES/			SAJIKI, HATTORI, AOKI, YASUNAGA, HIROTA: "Pd/C-H <sub>2</sub> -Catalysed Deuterium exchange reaction of the benzylic site in D <sub>2</sub> O" SYNNETT, 1 July 2002 (2002-07-01), pages 1149-1151, XP002388047 * table 1 *				

52835

PATENT TRADEMARK OFFICE

EXAMINER	/Ebenezer Sackey/ (04/21/2008)	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE